



ATTORNEYS AT LAW



OCT 26 2005

Robert Greene Sterne
 Edward J. Kessler
 Jorge A. Goldstein
 David K.S. Cornwell
 Robert W. Esmond
 Tracy-Gene G. Durkin
 Michele A. Cimbal
 Michael B. Ray
 Robert E. Sokohl
 Eric K. Steffe
 Michael Q. Lee
 Steven R. Ludwig
 John M. Covert
 Linda E. Alcorn
 Robert C. Millonig
 Donald J. Featherstone
 Timothy J. Shea, Jr
 Michael V. Messinger
 Judith U. Kim

Patrick E. Garrett
 Jeffrey T. Helvey
 Heidi L. Kraus
 Eldora L. Ellison
 Thomas C. Fiala
 Albert L. Ferro
 Donald R. Banowitz
 Peter A. Jackman
 Jeffrey S. Weaver
 Kendrick P. Patterson
 Vincent L. Capuano
 Brian J. Del Buono
 Virgil Lee Beaston
 Theodore A. Wood
 Elizabeth J. Haanes
 Joseph S. Ostroff
 Frank R. Cottingham
 Rae Lynn P. Guest
 Daniel A. Klein

Jason D. Eisenberg
 Michael D. Specht
 Andrea J. Kamage
 Tracy L. Muller
 Jon E. Wright
 LuAnne M. DeSantis
 Ann E. Summerfield
 Aric W. Ledford
 Helene C. Carlson
 Cynthia M. Bouchez
 Timothy A. Doyle
 Gaby L. Longsworth
 Lori A. Gordon
 Nicole D. Dretar
 Ted J. Ebersole
 Laura A. Vogel
 Michael J. Mancuso
 Bryan S. Wade
 Aaron L. Schwartz

Shannon A. Carroll*
 Wesley W. Jones*
 Matthew E. Kelley*
 Michelle K. Holoubek*
 Marsha A. Rose*

Scott M. Woodhouse
 Christopher J. Walsh
 Liliana Di Nola-Baron
 Peter A. Socarras
 Jeffrey Mills

Registered Patent Agents*

Karen R. Markowicz
 Nancy J. Leith
 Matthew J. Dowd
 Katrina Yujian Pei Quach
 Bryan L. Sketton
 Robert A. Schwartzman
 Teresa A. Colella
 Victoria S. Rutherford
 Simon J. Elliott
 Julie A. Heider
 Mita Mukherjee

Of Counsel

Kenneth C. Bass III
 Marvin C. Guthrie

*Admitted only in Maryland
 *Admitted only in Virginia
 •Practice Limited to
 Federal Agencies

October 26, 2005

WRITER'S DIRECT NUMBER:
 (202) 772-8675

INTERNET ADDRESS:
 JHELVY@SKGF.COM

Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

Art Unit 2817**Attn: Mail Stop Amendment**

Re: U.S. Utility Patent Application
 Application No. 10/830,112; Filed: April 23, 2004
 For: **Interpolating Programmable Gain Attenuator**
 Inventors: Westra *et al.*
 Our Ref: 1875.4860001

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Reply to Restriction Requirement; and
2. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jeffrey T. Helvey
 Attorney for Applicants
 Registration No. 44,757

JTH/egj
 458639_1.DOC



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Westra *et al.*

Appl. No.: 10/830,112

Filed: April 23, 2004

For: **Interpolating Programmable Gain Attenuator**

Confirmation No.: 9023

Art Unit: 2817

Examiner: Jones, Stephen E.

Atty. Docket: 1875.4860001

Reply to Restriction Requirement

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the Communication dated September 26, 2005, requesting an election of one invention to prosecute in the above-referenced patent application, Applicants hereby provisionally elect to prosecute the invention of **Group I, represented by claims 1-11**. **Applicants also elect the species represented by FIG. 4.** Applicants also assert that Figures 5-7 also further define examples of the selected species. This election is made without prejudice to or disclaimer of the other claims or inventions disclosed.

This election is made without traverse.

Reconsideration and withdrawal of the Restriction Requirement, and consideration and allowance of all pending claims, are respectfully requested.

It is not believed that extensions of time are required, beyond those that may otherwise be provided for in accompanying documents. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor are hereby authorized to be charged to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey T. Helvey
Attorney for Applicants
Registration No. 44,757

Date: 10/26/05

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

JTH/agj
434225_1.DOC